

1. A selective chemotherapy method which includes the step of contacting tumor cells with a composition comprising:

- (a) a plasma-soluble metal salt of ascorbic acid; and
- (b) one or more vitamin C metabolites selected from the group consisting of
 - (i) aldonic acids, and the aldono-lactones, aldono-lactides and non-toxic metal salts thereof, and
 - (ii) dehydroascorbic acid, threose, erythreose, 4-hydroxy-5-methyl-3(2H)-furanone, 3-hydroxykojic acid and 5-hydroxymaltol.

2. A composition comprising the chemotherapeutic composition of Claim 1 in a pharmacologically acceptable intravenous carrier.

add A2

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